

Claims

1. Flexible heating foil with
  - a flexible support layer, on which
  - at least one electrically conductive heating track
  - (2) is arranged between
  - two electrodes (3), via which
  - the heating track can be supplied with current,

characterized in that

  - the flexible support layer
  - comprises a woven synthetic sheet (1), on which
  - the at least one heating track (2) is arranged; and
  - has one or more slitted areas (4A, 4B)
  - that serve as expansion joints.
2. Flexible heating foil in accordance with claim 1, characterized in that several heating tracks are arranged between the two electrodes.
3. Flexible heating foil in accordance with at least one of the preceding claims, characterized in that at least one heating track has partially curved, especially meandering and/or sinusoidal sections (2A, 2B, 2C, 2D).
4. Flexible heating foil in accordance with claim 3, characterized in that the slitted areas (4A, 4B) are arranged in part along the lengthwise and/or crosswise axes of the curved, especially meandering and/or sinusoidal sections (2A, 2B, 2C, 2D).
5. Flexible heating foil in accordance with at least one of the preceding claims, characterized in that the

flexible base is equipped with a soft layer, especially a foam, fabric, or non-woven textile layer.

6. Flexible heating foil in accordance with at least one of the preceding claims, characterized in that the heating foil is arranged in the interior of the passenger compartment of a motor vehicle, especially in a seat and/or armrest surface.

7. Flexible heating foil in accordance with at least one of the preceding claims, characterized in that the heating foil is arranged on the seat of a motorcycle.

8. Flexible heating foil in accordance with at least one of the preceding claims, characterized in that the heating foil is arranged in an article of clothing, especially in a jacket, trousers, a vest, overalls, a kidney belt, or a bandage.